

Patricia Khashayar

List of Publications by Year in descending order

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124
papers

1,666
citations

430442

18
h-index

377514

34
g-index

132
all docs

132
docs citations

132
times ranked

2395
citing authors

#	ARTICLE	IF	CITATIONS
1	Association between being metabolically healthy/unhealthy and metabolic syndrome in Iranian adults. PLoS ONE, 2022, 17, e0262246.	1.1	4
2	CRISPR-Powered Microfluidics in Diagnostics: A Review of Main Applications. Chemosensors, 2022, 10, 3.	1.8	12
3	Microfluidic-Based Oxygen (O ₂) Sensors for On-Chip Monitoring of Cell, Tissue and Organ Metabolism. Biosensors, 2022, 12, 6.	2.3	26
4	New frontiers in microfluidics devices for miRNA analysis. TrAC - Trends in Analytical Chemistry, 2022, 156, 116706.	5.8	18
5	Recent Microfluidic Innovations for Sperm Sorting. Chemosensors, 2021, 9, 126.	1.8	13
6	Bone characteristics and metabolic phenotypes of obesity in an Iranian Elderly population: Bushehr Elderly Health Program (BEHP). Archives of Osteoporosis, 2021, 16, 92.	1.0	6
7	Association of vitamin D receptor gene polymorphism with the occurrence of low bone density, osteopenia, and osteoporosis in patients with type 2 diabetes. Journal of Diabetes and Metabolic Disorders, 2021, 20, 1375-1383.	0.8	4
8	Saliva Lab-on-a-chip biosensors: Recent novel ideas and applications in disease detection. Microchemical Journal, 2021, 168, 106506.	2.3	19
9	Targeting dyslipidemia by herbal medicines: A systematic review of meta-analyses. Journal of Ethnopharmacology, 2021, 280, 114407.	2.0	11
10	Bone Phenotyping Approaches in Human, Mice and Zebrafish – Expert Overview of the EU Cost Action GEMSTONE (–œGENomics of MusculoSkeletal traits TranslatiOnal NETwork–œ). Frontiers in Endocrinology, 2021, 12, 720728.	1.5	12
11	The effect of selenium and zinc on CD4(+) count and opportunistic infections in HIV/AIDS patients: a randomized double blind trial. Acta Clinica Belgica, 2020, 75, 170-176.	0.5	8
12	Protocol for a multicentre, prospective cohort study of clinical, proteomic and genomic patterns associated with osteoporosis to develop a multidimensional fracture assessment tool: the PoCOsteo Study. BMJ Open, 2020, 10, e035363.	0.8	2
13	Osteoporosis and cognitive impairment interwoven warning signs: community-based study on older adults–œBushehr Elderly Health (BEH) Program. Archives of Osteoporosis, 2020, 15, 140.	1.0	11
14	FRAX-based intervention and assessment thresholds for osteoporosis in Iran. Osteoporosis International, 2019, 30, 2225-2230.	1.3	4
15	Commentary on 'retrospective cohort study of 925 OAGB procedures. The UK MGB/OAGB collaborative group'. International Journal of Surgery, 2019, 69, 98.	1.1	0
16	Numerical simulation of a multi-inlet microfluidic device for biosensing purposes in osteoporosis management. Journal of Diabetes and Metabolic Disorders, 2019, 18, 341-348.	0.8	1
17	Effect of diabetes on BMD and TBS values as determinants of bone health in the elderly: Bushehr Elderly Health program. Journal of Diabetes and Metabolic Disorders, 2019, 18, 99-106.	0.8	20
18	Osteoporosis strategic plan for the Middle East and North Africa region. Archives of Osteoporosis, 2019, 14, 20.	1.0	6

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19	Optimal Glycated Hemoglobin Cutoff Point for Diagnosis of Type 2 Diabetes in Iranian Adults. Canadian Journal of Diabetes, 2018, 42, 582-587.	0.4	8
20	Childhood Overweight and Obesity and Associated Factors in Iranian Children and Adolescents: A Multilevel Analysis; the CASPIAN-IV Study. Frontiers in Pediatrics, 2018, 6, 393.	0.9	20
21	Association between 318<scp>C</scp>/<scp>T</scp> polymorphism of the <i><scp>CTLA</scp>â€4</i> gene and systemic lupus erythematosus in Iranian patients. International Journal of Rheumatic Diseases, 2017, 20, 2040-2044.	0.9	13
22	New horizons in treatment of osteoporosis. DARU, Journal of Pharmaceutical Sciences, 2017, 25, 2.	0.9	120
23	Awareness of osteoporosis among female head of household: an Iranian experience. Archives of Osteoporosis, 2017, 12, 36.	1.0	10
24	An Electrochemical Biosensor Based on AuNP-Modified Gold Electrodes for Selective Determination of Serum Levels of Osteocalcin. IEEE Sensors Journal, 2017, 17, 3367-3374.	2.4	21
25	A highly sensitive electrochemical biosensor based on AuNP-modified gold electrodes for selective determination of serum levels of crosslaps. 3 Biotech, 2017, 7, 312.	1.1	6
26	Fabrication and Verification of Conjugated AuNP-Antibody Nanoprobe for Sensitivity Improvement in Electrochemical Biosensors. Scientific Reports, 2017, 7, 16070.	1.6	32
27	Role of Obesity Variables in Detecting Hypertension in an Iranian Population. High Blood Pressure and Cardiovascular Prevention, 2017, 24, 305-312.	1.0	4
28	Rapid prototyping of microfluidic chips using laser-cut double-sided tape for electrochemical biosensors. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2017, 39, 1469-1477.	0.8	16
29	A Multiplexed Microfluidic Platform for Bone Marker Measurement: A Proof-of-Concept. Micromachines, 2017, 8, 133.	1.4	11
30	Literature Overview. , 2017, , 17-51.		0
31	Conjugated AuNP-Antibody Nanoprobe Fabrication and Validation. , 2017, , 83-94.		0
32	Osteokit Fabrication. , 2017, , 153-175.		0
33	Electrochemical Chip Preparation. , 2017, , 95-125.		0
34	Osteokit Validation. , 2017, , 177-190.		0
35	Bone structure and turnover in postmenopausal women with type 2 diabetes mellitus. Menopause, 2016, 23, 280-285.	0.8	6
36	Vitamin D status and its relationship with bone mineral density in a healthy Iranian population. Revista Brasileira De Ortopedia, 2016, 51, 454-458.	0.6	9

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37	Bone biosensors: knowing the present and predicting the future. <i>Journal of Micromechanics and Microengineering</i> , 2016, 26, 023002.	1.5	9
38	Discharge against medical advice from a Tehran emergency department. <i>International Journal of Health Care Quality Assurance</i> , 2016, 29, 24-32.	0.2	12
39	Analgesic Efficacy of Nephrostomy Tract Infiltration of Bupivacaine and Ketamine after Tubeless Percutaneous Nephrolithotomy: A Prospective Randomized Trial. <i>Iranian Journal of Pharmaceutical Research</i> , 2016, 15, 619-26.	0.3	5
40	Effects of Intrathecal Opioids Use in Cesarean Section on Breastfeeding and Newborns' Weight Gaining. <i>Journal of Family & Reproductive Health</i> , 2016, 10, 176-183.	0.4	1
41	Acknowledgement of manuscript reviewers 2014. <i>Journal of Diabetes and Metabolic Disorders</i> , 2015, 14, 1.	0.8	0
42	The effect of transdermal nitroglycerin on pain control in diabetic patients with peripheral neuropathy. <i>Journal of Diabetes and Metabolic Disorders</i> , 2015, 14, 86.	0.8	5
43	The Levels and Duration of Sensory and Motor Blockades of Spinal Anesthesia in Obese Patients That Underwent Urological Operations in the Lithotomy Position. <i>BioMed Research International</i> , 2015, 1-5.	0.9	5
44	Evaluation of relationship between balance parameters and bone mineral density. , 2015, , .		1
45	Acknowledgement of manuscript reviewers 2015. <i>Journal of Diabetes and Metabolic Disorders</i> , 2015, 15, 1.	0.8	0
46	Clinical performance of seven prescreening tools for osteoporosis in Iranian postmenopausal women. <i>Rheumatology International</i> , 2015, 35, 1995-2004.	1.5	2
47	Biochemical Markers of Bone Turnover and their Role in Osteoporosis Diagnosis: A Narrative Review. <i>Recent Patents on Endocrine, Metabolic & Immune Drug Discovery</i> , 2015, 9, 79-89.	0.7	16
48	Knowledge, attitude, and preventive practice of major thalassemia patients regarding the importance of calcium and Vitamin D. <i>Journal of Applied Hematology</i> , 2015, 6, 13.	0.1	6
49	The Relationship Between Nasal Septal Deviation, Daytime Sleepiness and School Performance Among Iranian High School Students: A Pilot Cross-Sectional Study. <i>International Journal of School Health</i> , 2015, 2, .	0.2	0
50	Prevalence of osteoporosis and vitamin D receptor gene polymorphisms (FokI) in an Iranian general population based study (Kurdistan) (IMOS). <i>Medical Journal of the Islamic Republic of Iran</i> , 2015, 29, 238.	0.9	17
51	Using 360-degree multi-source feedback to evaluate professionalism in surgery departments: An Iranian perspective. <i>Medical Journal of the Islamic Republic of Iran</i> , 2015, 29, 284.	0.9	5
52	Innovation of a new silicone prosthesis for inguinal hernioplasty: new method for silicone prosthesis production, a preliminary study. <i>Archives of Iranian Medicine</i> , 2015, 18, 24-7.	0.2	1
53	Community Interventional Trial (CITFOMIST) of Vitamin D Fortified Versus Non-fortified Milk on Serum Levels of 25(OH) D in the Students of Tehran. <i>Archives of Iranian Medicine</i> , 2015, 18, 272-6.	0.2	4
54	A Suggested Prototype for Assessing Bone Health. <i>Archives of Iranian Medicine</i> , 2015, 18, 411-5.	0.2	7

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55	Prevalence of vitamin D deficiency among Iranian adolescents. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2014, 27, 595-602.	0.4	27
56	The risk of osteoporotic fractures and its associating risk factors according to the FRAX model in the Iranian patients: a follow-up cohort. <i>Journal of Diabetes and Metabolic Disorders</i> , 2014, 13, 93.	0.8	18
57	Association between vitamin D receptor gene polymorphisms (FokI and BsmI) and osteoporosis: a systematic review. <i>Journal of Diabetes and Metabolic Disorders</i> , 2014, 13, 98.	0.8	36
58	A qualitative survey of top-achieving undergraduate medical students's perspectives of medical education: An Iranian exploration. <i>African Journal of Health Professions Education</i> , 2014, 6, 165.	0.1	1
59	Prevalence of hypertension in an Iranian population. <i>Renal Failure</i> , 2014, 36, 87-91.	0.8	16
60	Prevalence and associated factors of T-score discordance between different sites in Iranian patients with spinal cord injury. <i>Spinal Cord</i> , 2014, 52, 322-326.	0.9	2
61	Association between Vitamin D levels and BMI values in an Iranian Population [Clin. Lab. 2014;60:383-389. DOI: 10.7754/Clin.Lab.2013.121033]. <i>Clinical Laboratory</i> , 2014, 60, .	0.2	2
62	Association of the CTLA-4 1722TC polymorphism and systemic lupus erythematosus: a systematic review and meta analysis. <i>Medical Journal of the Islamic Republic of Iran</i> , 2014, 28, 132.	0.9	1
63	Dual-energy X-ray absorptiometry diagnostic discordance between Z-scores and T-scores in a young Iranian population. <i>Medical Journal of the Islamic Republic of Iran</i> , 2014, 28, 151.	0.9	2
64	The relation between serum vitamin D levels and blood pressure: a population-based study. <i>Acta Medica Iranica</i> , 2014, 52, 290-7.	0.8	5
65	The relationship between anthropometric parameters and bone mineral density in an Iranian referral population. <i>Acta Medica Iranica</i> , 2014, 52, 505-10.	0.8	5
66	Essential genes in thyroid cancers: focus on fascin. <i>Journal of Diabetes and Metabolic Disorders</i> , 2013, 12, 32.	0.8	6
67	Estimating the avoidable burden of certain modifiable risk factors in osteoporotic hip fracture using Generalized Impact Fraction (GIF) model in Iran. <i>Journal of Diabetes and Metabolic Disorders</i> , 2013, 12, 10.	0.8	6
68	MicroRNAs networks in thyroid cancers: focus on miRNAs related to the fascin. <i>Journal of Diabetes and Metabolic Disorders</i> , 2013, 12, 31.	0.8	11
69	Pneumonia severity index compared to CURB-65 in predicting the outcome of community acquired pneumonia among patients referred to an Iranian emergency department: a prospective survey. <i>Brazilian Journal of Infectious Diseases</i> , 2013, 17, 179-183.	0.3	9
70	Intraurethral tramadol alleviates rigid cystoscopy-related pain in men. <i>International Journal of Urological Nursing</i> , 2013, 7, 133-137.	0.1	0
71	Metabolic Syndrome and Cardiovascular Risk Factors in a National Sample of Adolescent Population in the Middle East and North Africa: The CASPIAN III Study. <i>International Journal of Endocrinology</i> , 2013, 2013, 1-8.	0.6	71
72	No evidence of association between CTLA-4 polymorphisms and systemic lupus erythematosus in Iranian patients. <i>International Journal of Rheumatic Diseases</i> , 2013, 16, 681-684.	0.9	2

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73	Medical education Curriculum gaps in teaching clinical skills to Iranian undergraduate medical students. <i>Archives of Medical Science</i> , 2013, 2, 309-313.	0.4	3
74	Plasma Levels of Homocysteine in Buerger's Sufferers and Healthy Heavy Smokers and Non-Smokers. <i>Clinical Laboratory</i> , 2013, 59, 93-6.	0.2	4
75	The Effect of Epidural Bupivacaine on BIS Levels in the Awake Phase and on the Maintenance Doses of Propofol and Fentanyl During General Anesthesia. <i>Anesthesiology and Pain Medicine</i> , 2013, 2, 149-53.	0.5	1
76	Cyclosporine-A Versus Prednisolone for Induction of Remission in Auto-immune Hepatitis: Interim Analysis Report of a Randomized Controlled Trial. <i>Middle East Journal of Digestive Diseases</i> , 2013, 5, 193-200.	0.2	10
77	The impact of alendronate on bone mineral density of osteoporotic patients. <i>Acta Medica Iranica</i> , 2013, 51, 855-60.	0.8	0
78	Sickness Absenteeism Rate in Iranian Schools During the 2009 Epidemic of Type A Influenza. <i>Journal of School Nursing</i> , 2012, 28, 64-69.	0.9	5
79	Does adding low doses of oral naltrexone to morphine alter the subsequent opioid requirements and side effects in trauma patients?. <i>American Journal of Emergency Medicine</i> , 2012, 30, 75-78.	0.7	3
80	Helicopter Emergency Medical Service in Tehran, Iran: A Descriptive Study. <i>Air Medical Journal</i> , 2012, 31, 294-297.	0.3	7
81	Measuring the rate of weight gain and the influential role of diet in patients undergoing elective laparoscopic cholecystectomy: a 6-month follow-up study. <i>International Journal of Food Sciences and Nutrition</i> , 2012, 63, 645-648.	1.3	12
82	Psychometric properties of the Iranian version of Diabetes Empowerment Scale (IR-DES-28). <i>Journal of Diabetes and Metabolic Disorders</i> , 2012, 11, 4.	0.8	10
83	Effect of dexamethasone on the frequency of postdural puncture headache after spinal anesthesia for cesarean section: a double-blind randomized clinical trial. <i>Acta Neurologica Belgica</i> , 2012, 112, 345-350.	0.5	33
84	High doses of warfarin are more beneficial than its low doses in patients with deep vein thrombosis. <i>American Journal of Emergency Medicine</i> , 2011, 29, 1222-1226.	0.7	4
85	The accuracy of limited B-mode compression technique in diagnosing deep venous thrombosis in lower extremities. <i>American Journal of Emergency Medicine</i> , 2011, 29, 687-690.	0.7	25
86	Firework-Related Injuries in Tehran's Persian Wednesday Eve Festival (Chaharshanbe Soori). <i>Journal of Emergency Medicine</i> , 2011, 40, 340-345.	0.3	25
87	A family presenting with multiple endocrine neoplasia type 2B: A case report. <i>Journal of Medical Case Reports</i> , 2011, 5, 587.	0.4	18
88	Dermal reaction and bigeminal premature ventricular contractions due to neostigmine: a case report. <i>Journal of Medical Case Reports</i> , 2011, 5, 83.	0.4	2
89	Platelet kinetics after slow versus standard transfusions: A pilot study. <i>Upsala Journal of Medical Sciences</i> , 2011, 116, 212-215.	0.4	4
90	The Effect of Hibiscus Sabdariffa on Lipid Profile, Creatinine, and Serum Electrolytes: A Randomized Clinical Trial. <i>ISRN Gastroenterology</i> , 2011, 2011, 1-4.	1.5	23

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91	The discriminative value of various biochemical parameters in detecting varying degrees of vitamin D deficiency in the Iranian population. <i>Clinical Laboratory</i> , 2011, 57, 163-70.	0.2	5
92	The GlideScope Facilitates Nasogastric Tube Insertion: A Randomized Clinical Trial. <i>Anesthesia and Analgesia</i> , 2010, 110, 115-118.	1.1	53
93	Osteoarticular tuberculosis in Tehran, Iran: a 2-year study. <i>Clinical Microbiology and Infection</i> , 2010, 16, 1270-1273.	2.8	18
94	Evaluation of morning report in an emergency medicine department. <i>Emergency Medicine Journal</i> , 2010, 27, 32-36.	0.4	17
95	Efficacy of pre-hospital care in trauma patients in Iran. <i>Emergency Medicine Journal</i> , 2010, 27, 430-432.	0.4	8
96	Sanosil, a more effective agent for preventing the hospital-acquired ventilator associated pneumonia. <i>International Journal of Health Care Quality Assurance</i> , 2010, 23, 583-590.	0.2	3
97	Patency rate and complications of polytetrafluoroethylene grafts compared with polyurethane grafts for hemodialysis access. <i>Upsala Journal of Medical Sciences</i> , 2010, 115, 245-248.	0.4	22
98	The Prevalence of Osteoporosis in an Iranian Population. <i>Journal of Clinical Densitometry</i> , 2010, 13, 112.	0.5	9
99	Ketamine improves nasogastric tube insertion. <i>Emergency Medicine Journal</i> , 2010, 27, 582-585.	0.4	15
100	Intrathecal Sufentanil for Intraoperative and Postesophagectomy Pain Relief. <i>Southern Medical Journal</i> , 2010, 103, 197-201.	0.3	9
101	The correlation between dyslipidemia and coronary artery disease based on angiographic findings in an Iranian population. <i>Acta Medica Indonesiana</i> , 2010, 42, 82-5.	0.9	8
102	Warning Signs and Symptoms of Subarachnoid Hemorrhage. <i>Southern Medical Journal</i> , 2009, 102, 21-24.	0.3	8
103	Gabapentin and Uremic Pruritus in Hemodialysis Patients. <i>Renal Failure</i> , 2009, 31, 85-90.	0.8	91
104	Helicopter emergency medical system in a region lacking trauma coordination (experience from) Tj ETQq0 0 0 rgBT /Overlock_10 Tf 50 2	0.4	8
105	Subcutaneous Tramadol Infiltration at the Wound Site Versus Intravenous Administration after Pyelolithotomy. <i>Annals of Pharmacotherapy</i> , 2009, 43, 430-435.	0.9	19
106	A giant subclavian pseudoaneurysm following central venous catheterization. <i>Journal of Anesthesia</i> , 2009, 23, 628-629.	0.7	16
107	A prospective randomized trial comparing the technique of spinal and general anesthesia for lumbar disk surgery: a study of 100 cases. <i>World Neurosurgery</i> , 2009, 71, 60-65.	1.3	84
108	Pelvic Metastasis in a Patient with Hypopharyngeal SCC. <i>Otolaryngology - Head and Neck Surgery</i> , 2009, 141, 792-793.	1.1	0

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109	CLINICAL PROFILE AND MANAGEMENT OF BRUCELLOSIS IN TEHRAN " IRAN. <i>Acta Clinica Belgica</i> , 2009, 64, 11-15.	0.5	9
110	Remifentanyl-Induced Abdominal Pain: A Randomised Clinical Trial. <i>Anaesthesia and Intensive Care</i> , 2009, 37, 447-449.	0.2	2
111	Management of Infected Femoral Pseudoaneurysms in Intravenous Drug Abusers: A Review of 57 Cases. <i>Archives of Medical Research</i> , 2008, 39, 120-124.	1.5	31
112	Effects of Normal Saline vs. Lactated Ringer's during Renal Transplantation. <i>Renal Failure</i> , 2008, 30, 535-539.	0.8	141
113	Intra-articular lidocaine versus intravenous meperidine/diazepam in anterior shoulder dislocation: a randomised clinical trial. <i>Emergency Medicine Journal</i> , 2008, 25, 262-264.	0.4	18
114	Teaching critical appraisal and statistics in anesthesia journal club. <i>QJM - Monthly Journal of the Association of Physicians</i> , 2008, 102, 139-141.	0.2	22
115	Non-operative management in blunt splenic trauma. <i>Emergency Medicine Journal</i> , 2008, 25, 210-212.	0.4	14
116	Angiographic Severity and Extent of Coronary Artery Disease in Diabetic Patients. , 2008, 18, 134-136.		1
117	Serum CRP Levels in Pre-Dialysis Patients. <i>Renal Failure</i> , 2008, 30, 193-198.	0.8	17
118	Epidemiological, Clinical, Laboratory Findings, and Outcomes of Disseminated Tuberculosis in Tehran, Iran. <i>Southern Medical Journal</i> , 2008, 101, 910-913.	0.3	13
119	Resection of a large carotid artery aneurysm under cervical epidural anaesthesia. <i>Acta Cardiologica</i> , 2008, 63, 81-83.	0.3	4
120	Poor Physical Activity in the Elderly as Assessed by a Visual Analogue Scale is Associated with Dyslipidemia. <i>Pakistan Journal of Biological Sciences</i> , 2008, 11, 2367-2369.	0.2	2
121	Laparoscopic cholecystectomy during pregnancy: A case series. <i>Journal of Minimal Access Surgery</i> , 2008, 4, 9.	0.4	5
122	When renewing medical equipment is necessary: a case report. <i>International Journal of Health Care Quality Assurance</i> , 2007, 20, 616-619.	0.2	4
123	Clinical Manifestation, Laboratory Findings, and the Response of Treatment in Kidney Transplant Recipients With CMV Infection. <i>Transplantation Proceedings</i> , 2007, 39, 993-996.	0.3	18
124	Iranian Multicenter Osteoporosis Studies (IMOS) during last decade: rationale, main findings, lessons learned and the way forward. <i>Journal of Diabetes and Metabolic Disorders</i> , 0, , 1.	0.8	4